P.o. Box 747 • Falls Church, Virginia 22040-0747

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ATTORNEY DOCKET NO. 0171-0819P

PLEASE NOTE: YOUMUST COMPLETE THE FOLLOWING:

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor. I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if

	plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entired: Photomask Blank, Photomask and Method of Manufacture						
nsert Tigle: 😝							
Fill in Appropriate	the specification of which is attached her	reto. If not attached hereto,					
nformation — For Use →	the specification was filed	l on		as			
Without	United States Application	Number		:			
Specification	and amended on		(if appli	cable); and/or			
Attached:	the specification was filed or	n		as PCT			
ļ.i	International Application N	umber		; and was			
11	amended under PCT Article	(if applicable)					
uit gering giving mengt mengt gilt gad gener meller flesse gilt general gade ett general meller flesse gilt general flesse menler menler menler menler	amended by any amendment referred to	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.					
10 m m m m m m m m m m m m m m m m m m m	§1.56.	Lacknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, \$1.56.					
general genera	I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.						
Offic such of grants	I hereby claim foreign priority ber inventor's certificate listed below and filing date before that of the application	have also identified below any	ites Code, §119 (a)-(d) of any foreign foreign application for patent or inv	ventor's certificate having a			
	Prior Foreign Application(s			Priority Claimed			
Insert Priority	2001-035783	Japan	02/13/2001	\mathbf{x}			
Information: (if appropriate)	(Number)	(Country)	(Month / Day / Year Filed)	Yes No			
	(Number)	(Country)	(Month / Day / Year Filed)	Yes No			
	(Number)	(Country)	(Month / Day / Year Filed)	─ Yes No			
	(Number)	(Country)	(Month / Day / Year Filed)	Yes No			
Insert Provisional	I hereby claim the benefit under Title 35. United States Code, §119(e) of any United States provisional application(s) listed below.						
Application(s): → (if any)		(Application Number)		(Filing Date)			
	(Application Number) (Filing Date)						
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:						
Insert Requested Information: (if appropriate)	Country	Application	Number Date of	Filing (Month / Day / Year)			
Insert Prior U.S.	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35. United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:						
Application(s): (if any) →	(Application Number)	(Filing Dat	ei (Status — į	xitented, pending, abandoned)			
	(Annis ainn Number)	(Filing D:	de) (Status —	parented, pending, abandoned)			

(Application Number)

mal application based on this application ng attorneys to prosecute this application and/or an in-I hereby appoint the nection with the resulting patent based on Patent and Trademark Office connected therewith and and to transact all busines instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary: Atty Dokt No.: 0171-0819P

Raymond C. Stewart	(Reg. No. 21,066)	Terrell C. Birch	(Reg. No. 19.382)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28.380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K Mutter	(Reg. No. 29.680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28.977)
Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32.644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32.181)
Joe McKinney Muncy	(Reg. No. 32.334)	C. Joseph Faraci	(Reg. No. 32,350)
Donald J. Daley	(Reg. No. 34.313)	John W. Bailey	(Reg. No. 32,881)
John A. Castellano	(Reg. No. 35.094)		

Send Correspondence to: BIRCH, STEWART, KOLASCH & BIRCH, LLP

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reby declare that all statements made herein of my own knowledge are true and that all statements made on information and

FOLLOWING:	belief are believed to be true; an so made are punishable by fine of	or imprisonment, or both, t	nents were made with the knowledge that wi under Section 1001 of Title 18 of the United ution or any patent issued thereon.	Ilful false statements and the like States Code and that such willful		
Full Name of First or	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE: January		
Insert Name of Inventor	Tsutomu	SHINAGAWA	J. Shinasawa	29, 2002		
# Insert Date This Document is Signed	Residence (City, State & Country)			CITIZENSHIP		
Insert Residence	Nakakubiki-gun,	Nakakubiki-gun, Niigata-ken, Japan				
Insert Citizenship Insert Proj Office Address	c/o New Functiona	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o New Functional Materials Research Center, Shin-Etsu Chemical Co., Ltd., 28-1, Oaza Nishifukushima, Kubiki-mura, Nakakubiki-gun, Niigata-ken, Japah				
Full Name of Second	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	January		
see above	Tamotsu	MARUYAMA	J. Marujama	29, 2002		
	Residence (City, State & Country)	· .	U	CITIZENSHIP		
	Nakakubiki-gun,			Japanese		
	c/o New Functiona	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o New Functional Materials Research Center, Shin-Etsu Chemical Co., Ltd., 28-1, Oaza Nishifukushima, Kubiki-mura, Nakakubiki-gun, Niigata-ken, Japan				
Full Name of Third	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE. January		
Inventor, if any see above	Hideo	KANEKO	20. Haneka	29, 2002		
	Residence (City, State & Country)			CITIZENSHIP		
	Nakakubiki-gun, Niigata-ken, Japan			Japanese		
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o New Functional Materials Research Center, Shin-Etsu Chemical Co.,Ltd. 28-1, Oaza Nishifukushima, Kubiki-mura, Nakakubiki-gun, Niigata-ken, Japan					
Full Name of Fourth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE: January		
Inventor, if any see above	Mikio	KOJIMA	M. kajlma	29, 2002		
	Residence (City, State & Country)			CITIZENSHIP		
	Nakakubiki-gun,			Japanese		
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o New Functional Materials Research Center, Shin-Etsu Chemical Co.,Ltd. 28-1, Oaza Nishifukushima, Kubiki-mura, Nakakubiki-gun, Niigata-ken, Japan					
Full Name of Fitth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE. January		
Inventor, if any see above	Yukio	INAZUKI	y. Inegular	29, 2002		
	Residence (City, State & Country)			CITIZENSHIP		
	Nakakubiki-gun	, Niigata-ken,	Japan	Japanese		
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o New Functional Materials Research Center, Shin-Etsu Chemical Co., Ltd.,					
	28-1, Oaza Nishi	ifukushima, Kub	oiki-mura, Nakakubiki-gun	, Niigata-ken, Japa		

I hereby appoint the ing attorneys to prosecute this application and/or an interpolation based on this application and to transact all busines. Patent and Trademark Office connected therewith and hection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary: Atty Dckt No.: 0171-0819P

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Joe McKinney Muncy	(Reg. No. 32.334)	C. Joseph Faraci	(Reg. No. 32,350)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false are punishable by fine or imprisonment.

	false statements may jeopardiz	e the validity of the appi	nearion of any parent issued thereon.			
Full Name of First or Sole Inventor:	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE. January	
Insert Name of Inventor Insert Date This Document is Signed Insert Residence	Satoshi	OKAZAKI	S. Okazaki		29, 2002	
	Residence (City, State & Country)			CITIZENSHIP	i	
	Nakakubiki-gun, Niigata-ken, Japan		Japan	ese		
Insert Citizenship Insert Post Office Address	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o New Functional Materials Research Center, Shin-Etsu Chemic 28-1, Oaza Nishifukushima, Kubiki-mura, Nakakubiki-gun, Niigat				l Co.,Ltd. -ken, Japar	
Full Name of Second Inventor, if any: see above	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE	
	Residence (City, State & Country)			CITIZENSHIP		
	POST OFFICE ADDRESS (Complete	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)				
Full Name of Third Inventor, if any see above	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE.	
	Residence (City, State & Country			CITIZENSHIP		
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)					
Full Name of Fourth Inventor, if any	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE	
see ahove	Residence (City, State & Country	1)		CITIZENSHIP		
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)					
Full Name of Fifth Inventor, if any see above	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE	
	Residence (City, State & Countr	yl		CITIZENSHIP		
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)					

Page 2 of 2 (Revised 11-98)

· DATE OF SIGNATURE